

Date: Thursday, 8/24/2006 11:11:34 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : LUG WELDMENT
Job Number : 28331	
Estimate Number : 11872	
P.O. Number : N/A	Part Number : D33539
This Issue : 8/24/2006 S.O. No. : N/A	Drawing Number : D3353 REV.A
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : MACHINED PARTS	Drawing Revision : A
Previous Run : 26767	Material : N/A
Written By : <i>[Signature]</i>	Due Date : 9/15/2006
Checked & Approved By : <i>[Signature]</i> 06.08.24	Qty: 4 Um: Each
Comment : rev est. A 06.01.14 New issue EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M1010B0375X01500	1010-1025 BAR
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Comment: Qty.: 0.1092 f(s)/Unit Total : 0.4368 f(s)

1010-1025 BAR

AISI 1010-1025 Steel bar 0.375" x 1.00"

batch: M15925

2.0	BAND SAW	BAND SAW
-----	----------	----------

**Comment:** BAND SAW

1-Cut blanks 1.10" long

[Signature] 06/09/12

4

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
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**Comment:** CONVENTIONAL MILLING MACHINE

1- Mill angle as per dwg D3353

2-Grind corner radius as per dwg D3353

3- Deburr

[Signature] 06/09/12

4

4.0	QC5	INSPECT WORK TO CURRENT STEP
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**Comment:** INSPECT WORK TO CURRENT STEP*[Signature]* 06/09/12

4

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

Job Completion



06/08/12

Identify & Stock

ST428

[Signature]

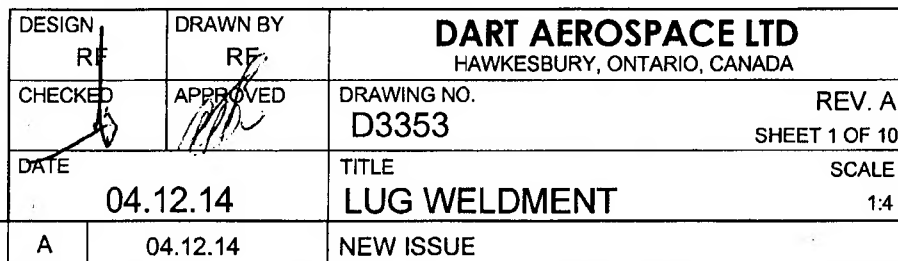
06/09/12 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 06/09/12

NOTE: Date & initial all entries QA: N/C Closed: _____ Date: _____



RELEASED
36/37/39



- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

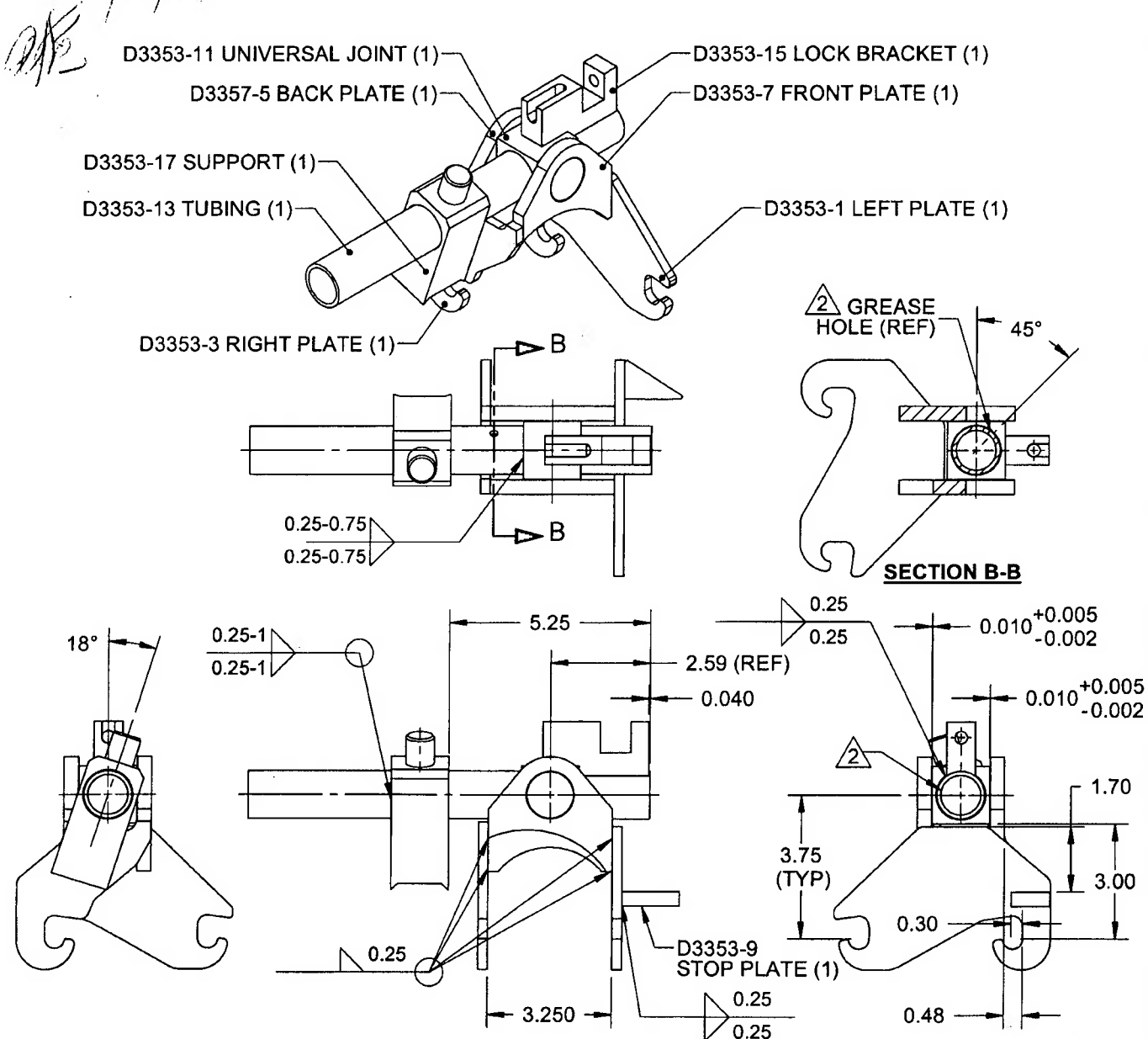
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:4

RELEASED
06/03/59



D3353-042 LUG WELDMENT

NOTES:

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

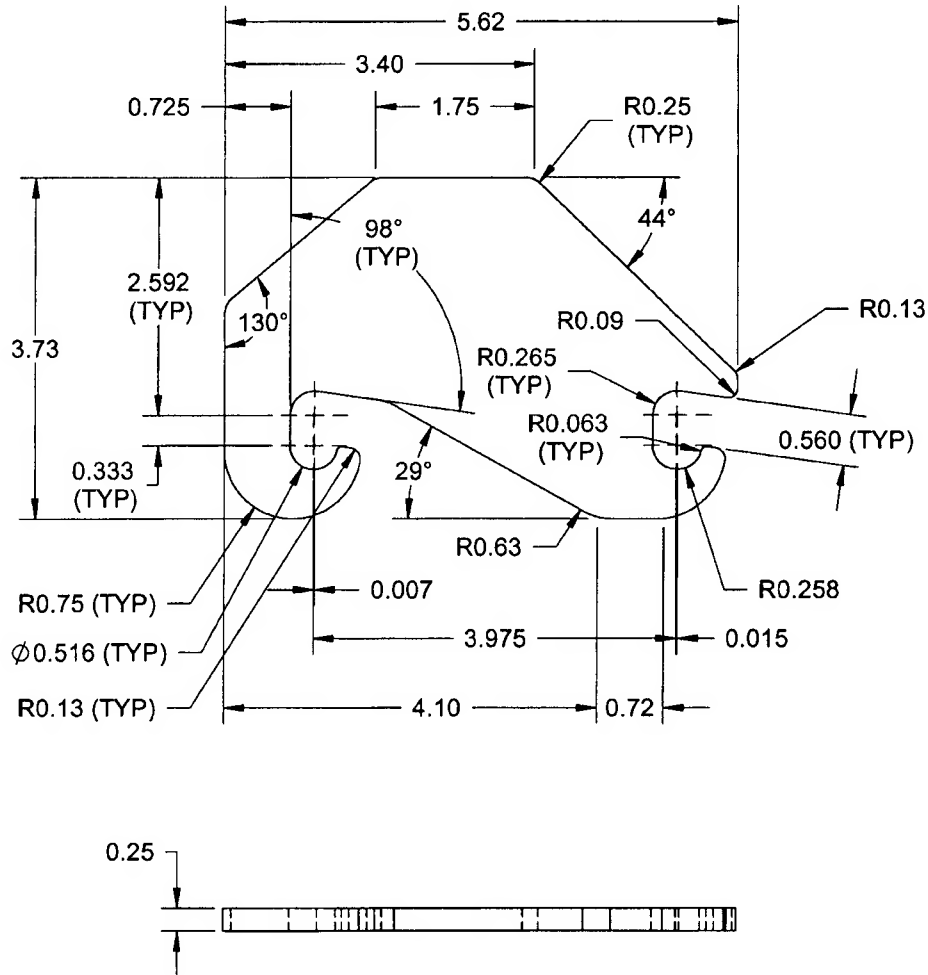
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:2

RELEASED
[Signature]**D3353-1 LEFT PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

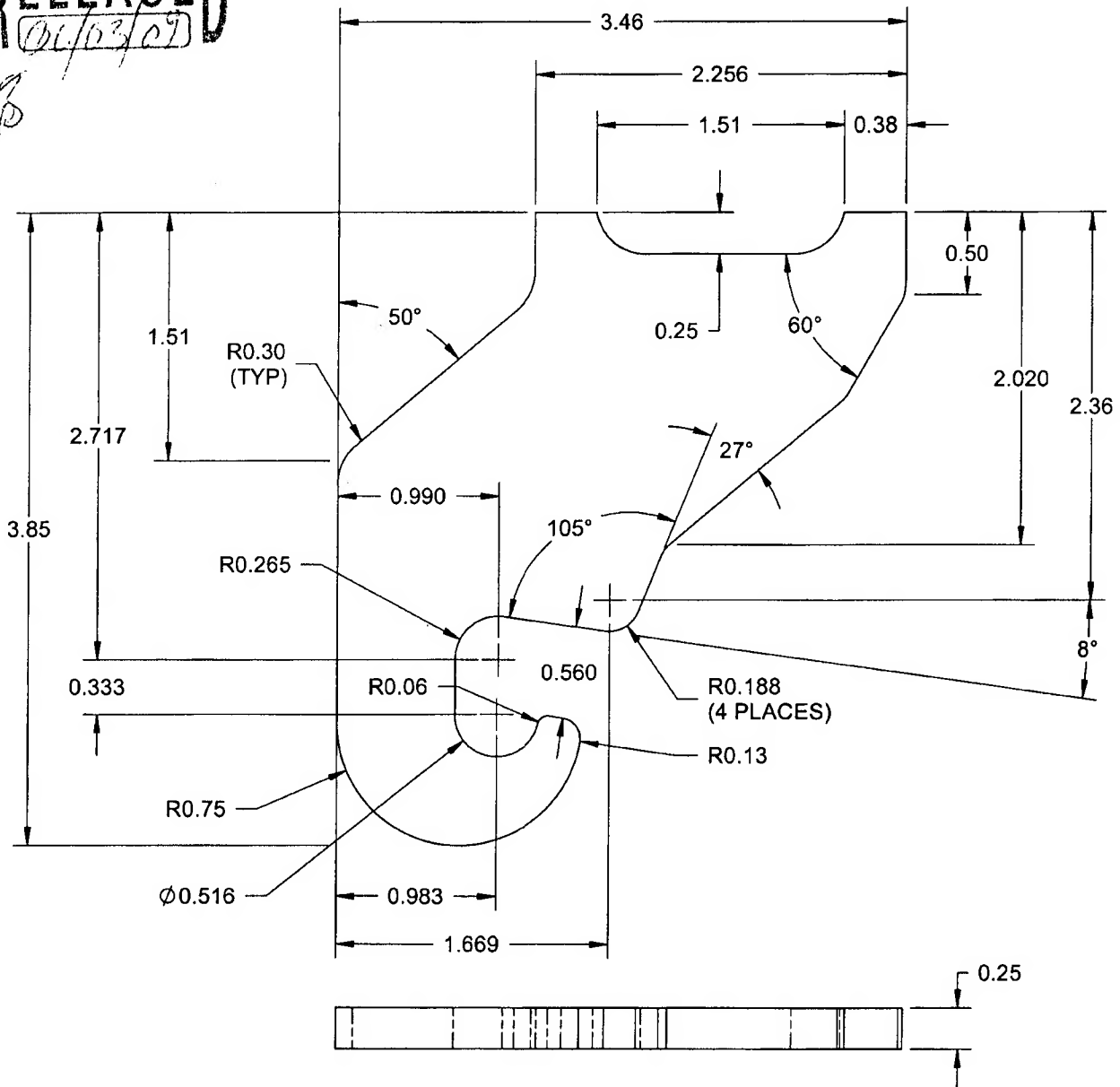
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

RELEASED
[Signature]
01/03/07**D3353-3 RIGHT PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

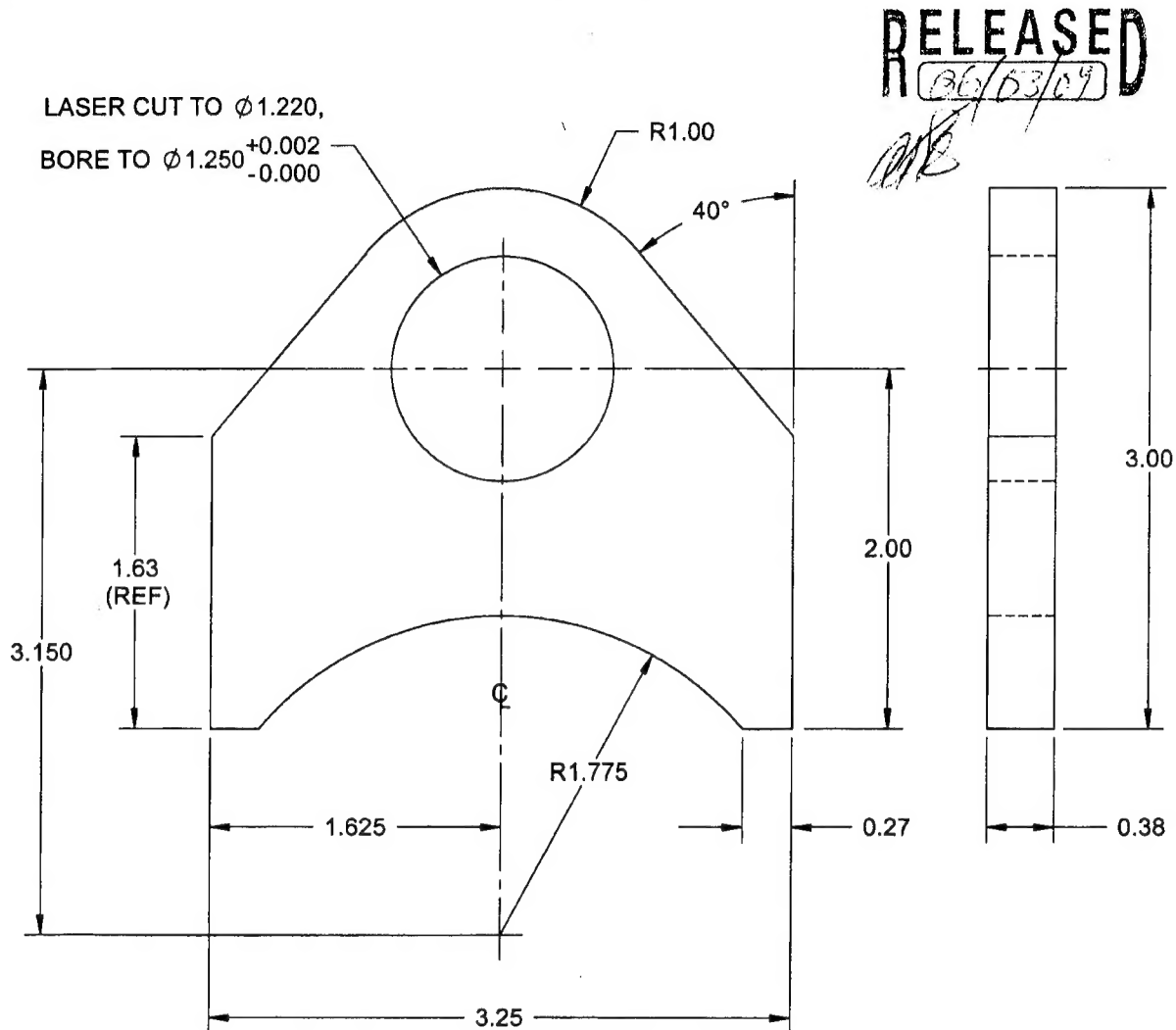
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DATE 04.12.14		TITLE LUG WELDMENT	SHEET 5 OF 10 SCALE 1:1



D3353-5 BACK PLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 0.375 THICK PLATE
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

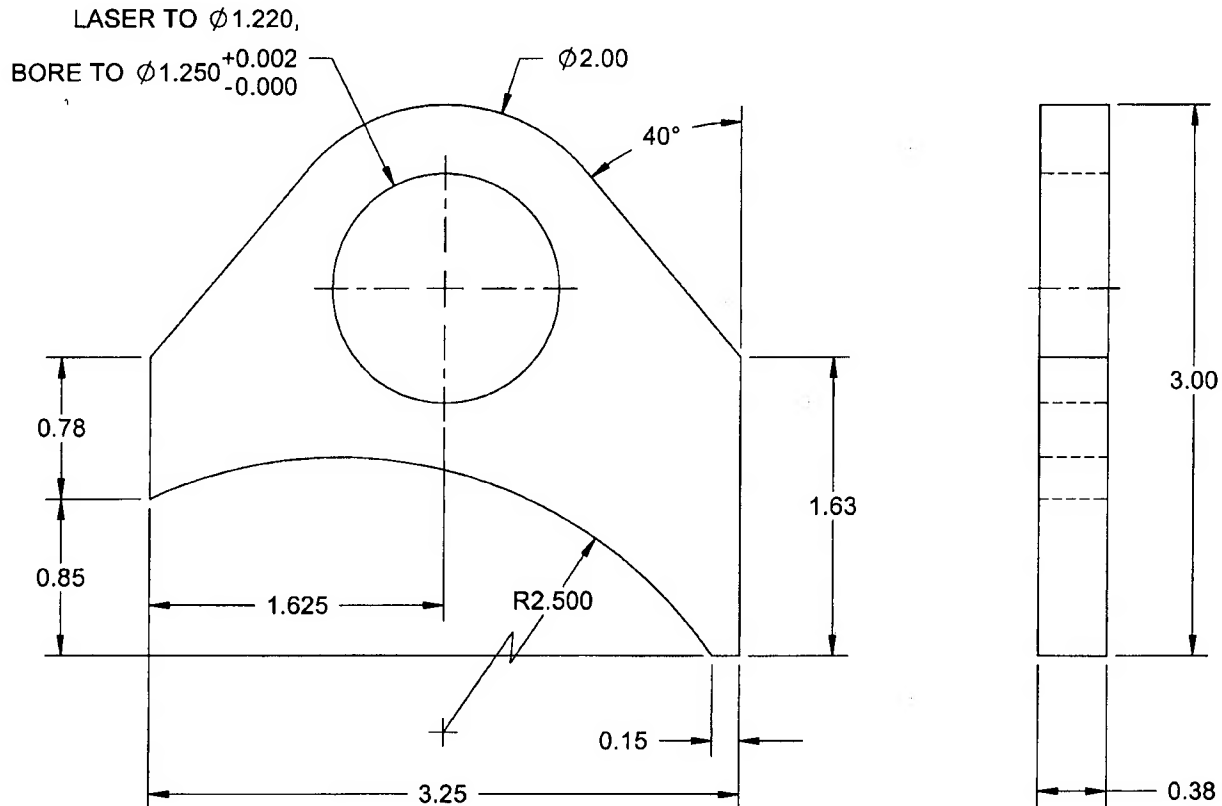
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DATE 04.12.14		TITLE LUG WELDMENT	SHEET 6 OF 10 SCALE 1:1

RELEASED
06/01/17**D3353-7 FRONT PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 0.375 THICK PLATE
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

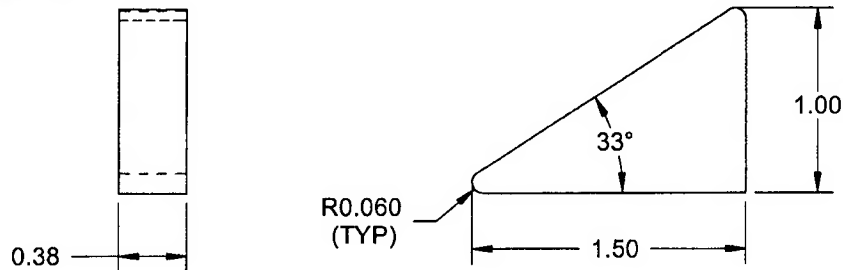
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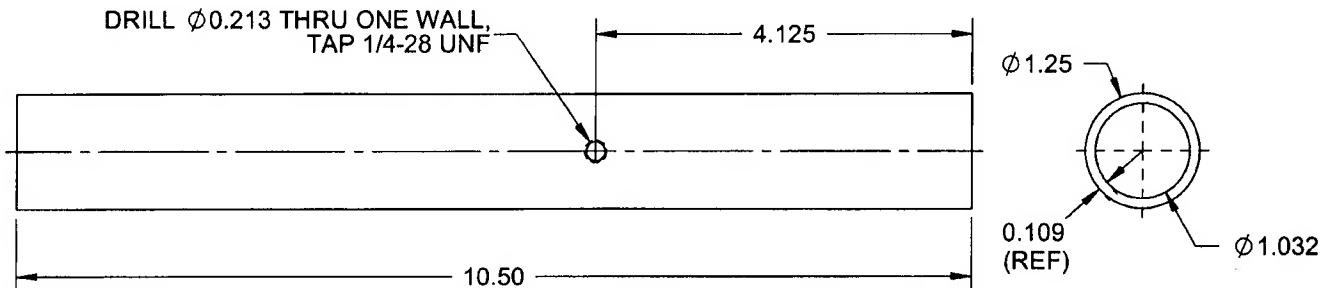
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

RELEASED
[Signature]**D3353-9 STOP PLATE**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR
CSA G40.21, 38W/44W/50W/60W/70W, 0.375 THICK
MILD STEEL BAR (REF. DART SPEC. M1010-B)

**D3353-13 TUBING****NOTES:**

- 1) MATERIAL: MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077,
Ø 1.250 x 0.125 WALL, COLD DRAWN STEEL TUBING
(REF. DART SPEC. M1020TR1.250W.109)

NOTES:

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

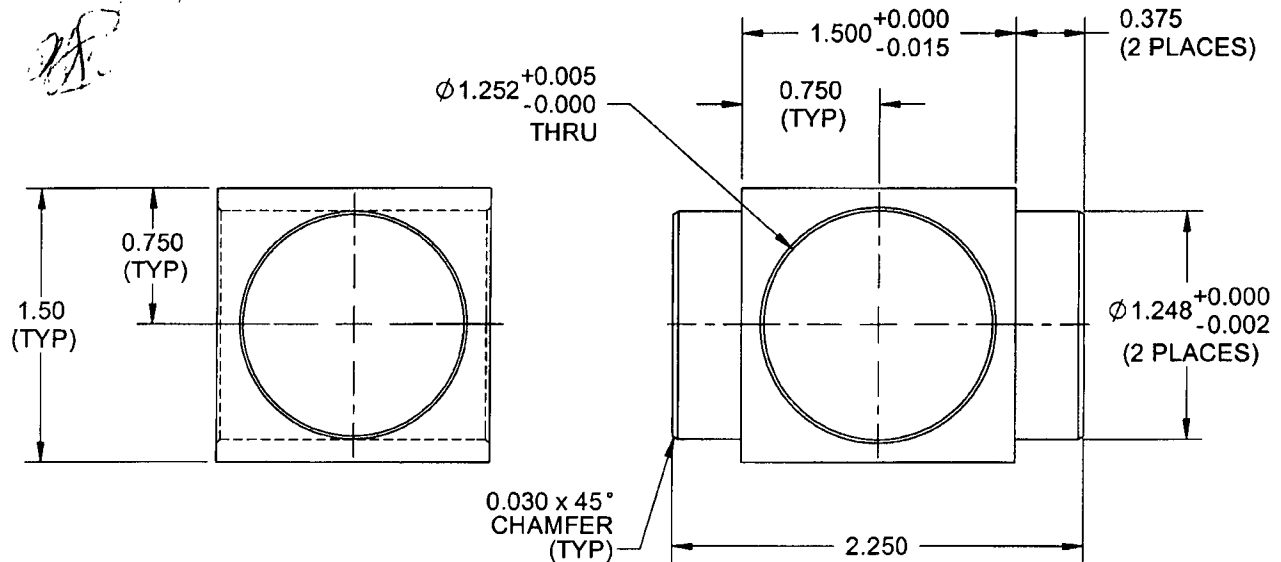
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

RELEASED
[Stamp: 04/33/14]
[Signature]**D3353-11 UNIVERSAL JOINT****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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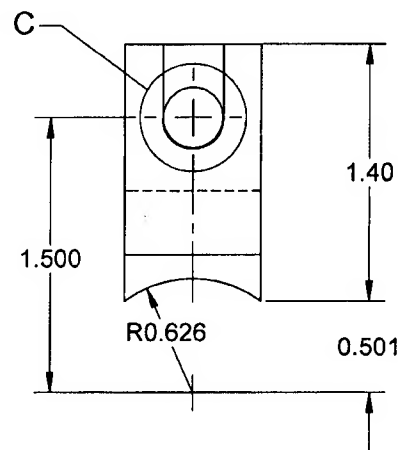
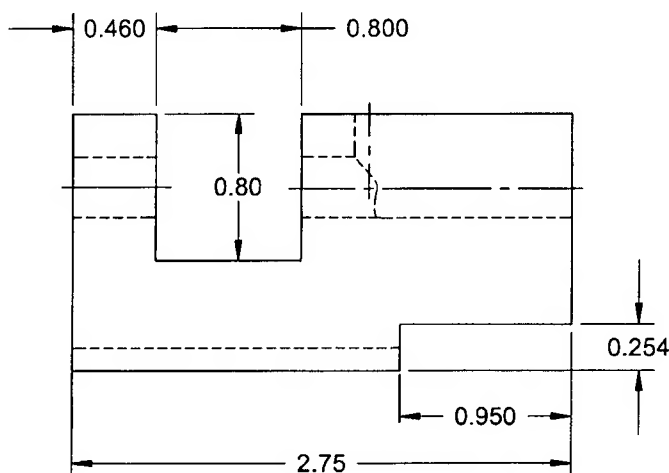
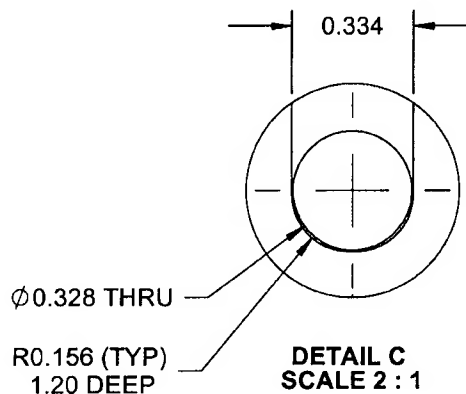
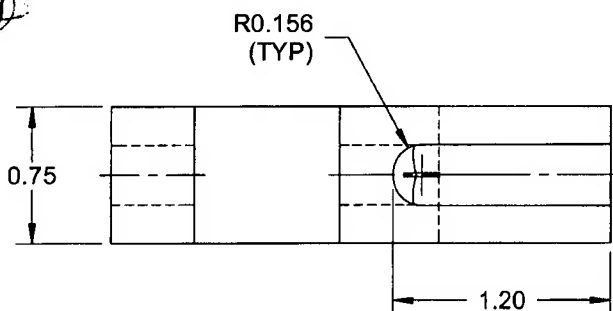
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

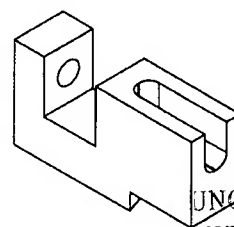
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036/02/09



D3353-15 LOCK BRACKET

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 0.75 THICK MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



**ISOMETRIC VIEW
SCALE 1 : 2**

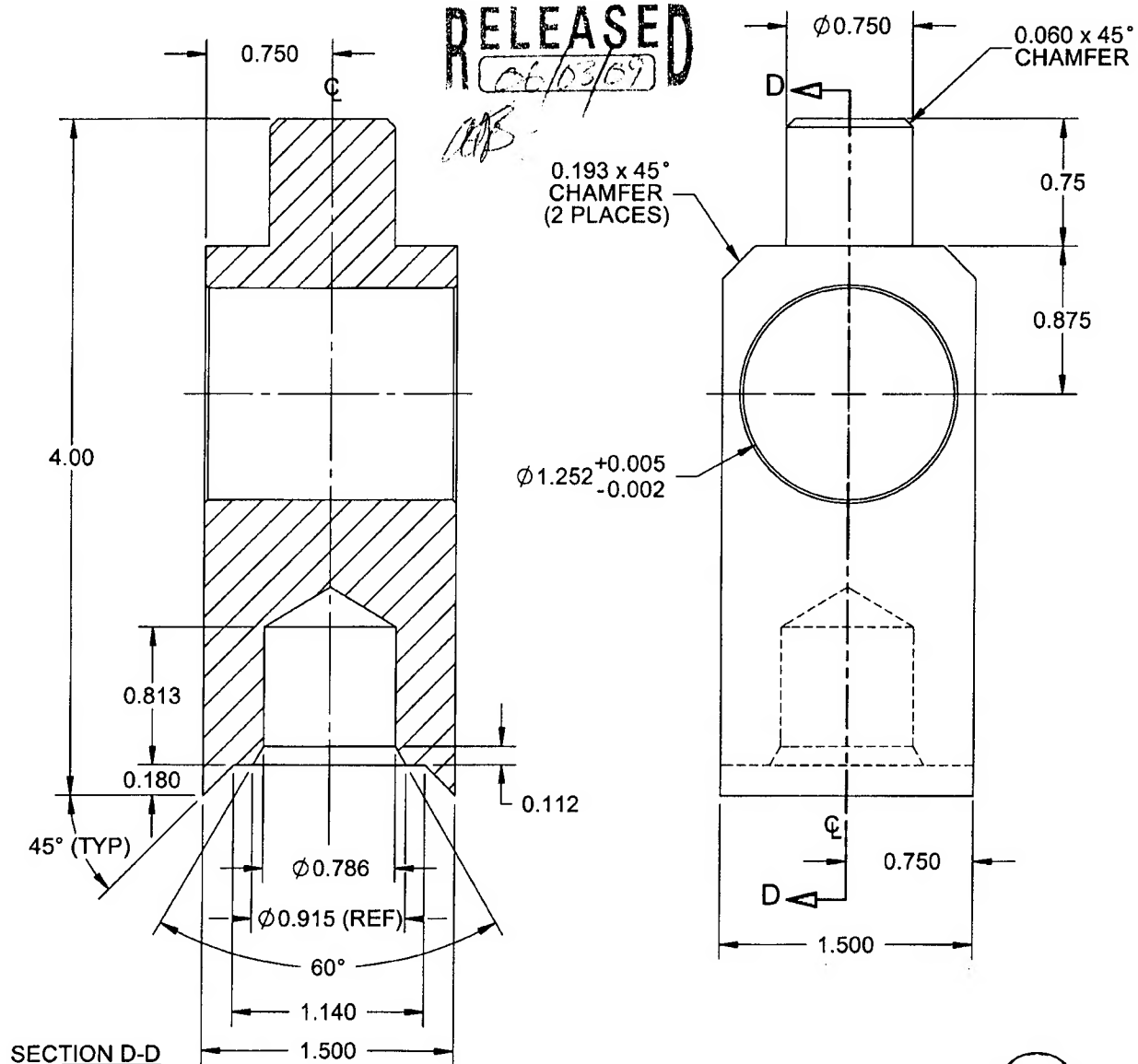
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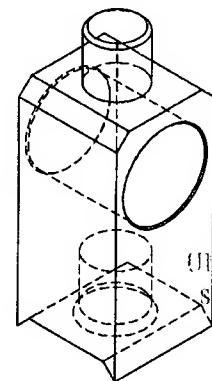
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1



D3353-17 SUPPORT

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B1.500x01.500)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



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